

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:1022145 CAPLUS [Full-text](#)
 DN 147:365513

TI Preparation of pyrazolo[1,5-a]pyrimidines as agricultural fungicides
 IN Dietz, Jochen; Grote, Thomas; Grammenos, Wassilios; Mueller, Bernd;
 Lohmann, Jan Klaas; Renner, Jens; Ulmschneider, Sarah

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 150pp.

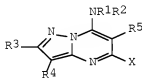
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007/101859	A1	20070913	WO 2007-EP52104	20070306
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	EP 2006-110739	A	20060307		
	EP 2006-111155	A	20060315		
OS	MARPAT 147:365513				
GI					



I

AB The title compds. [I; R1 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)cycloalkyl, (halo)cycloalkenyl, (halo)alkoxy, alkenyloxy, alkynyloxy, cycloalkoxy, amino, alkylamino, dialkylamino, Ph, naphthyl 5-6 membered (saturated) aromatic heterocyclyl containing 1-4 heteroatoms selected from O, N and S; R2 = CR6R7(CR8R9)q(CR10R11)pYZ; R6-R11 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)cycloalkyl, (halo)cycloalkenyl, etc.; Y = S, O; Z = H, CO2H, CHO, alkyl, (halo)alkyl, (halo)alkynyl, etc. q = 0, 1; p = 0-5; R3, R4 = H, halo, cyano, NO2, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, hydroxyalkyl, alkoxyalkyl, (halo)cycloalkyl, (halo)alkoxy, alkylthio, alkylsulfynyl, alkylsulfonyl, CHO, thiocarbamoyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, alkoxyiminocarbonyl, hydroxyiminoalkyl, etc.; X = H, cyano, (halo)alkyl, (halo)alkoxy; R5 = 5-6 membered (saturated) aromatic (substituted) heterocyclyl containing 1-4 heteroatoms selected from O, N and S], were prepared. Thus, a mixture of 5,7-dichloro-6-(3,5-dichloropyridin-2-yl)pyrazolo[1,5-a]pyrimidine-3- carbonitrile (preparation given) and Et3N in CH2Cl2 was stirred with L-tert-Leucinol for 14 h at room temperature to give 75% 5-chloro-6-(3,5- dichloropyridin-2-yl)-7-[(1S)-(1-hydroxymethyl-2,2- dimethylpropylamino)]pyrazolo[1,5-a]pyrimidine-3- carbonitrile. The latter as a 250 ppm spray on barley infected with Pyrenophora teres reduced infection to 7% vs. 90% for untreated controls.

IT 943587-27-7

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); BIOL (Biological study); RACT (Reactant or reagent); USES

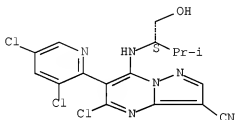
(Uses)

(preparation of pyrazolopyrimidines as agricultural fungicides)

RN 948587-27-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(3,5-dichloro-2-pyridinyl)-7-[[(1S)-1-(hydroxymethyl)-2-methylpropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



IT 948587-23-3P 948587-26-6P 948587-28-8P

948587-29-9P 948587-30-2P

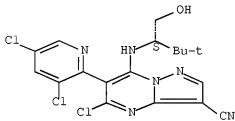
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolopyrimidines as agricultural fungicides)

RN 948587-23-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(3,5-dichloro-2-pyridinyl)-7-[[(1S)-1-(hydroxymethyl)-2,2-dimethylpropyl]amino]- (CA INDEX NAME)

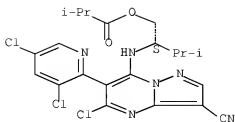
Absolute stereochemistry.



RN 948587-26-6 CAPLUS

CN Propanoic acid, 2-methyl-, (2S)-2-[[5-chloro-3-cyano-6-(3,5-dichloro-2-pyridinyl)pyrazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutyl ester (CA INDEX NAME)

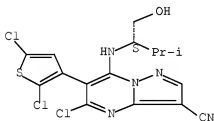
Absolute stereochemistry.



RN 948587-28-8 CAPLUS

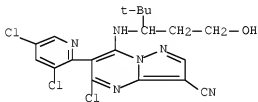
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[[1(1S)-1-(hydroxymethyl)-2-methylpropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



RN 948587-29-9 CAPLUS

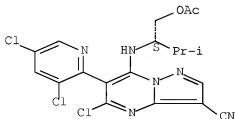
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(3,5-dichloro-2-pyridinyl)-7-[[1-(2-hydroxyethyl)-2,2-dimethylpropyl]amino]- (CA INDEX NAME)



RN 948587-30-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 7-[[1(1S)-1-[(acetyloxy)methyl]-2-methylpropyl]amino]-5-chloro-6-(3,5-dichloro-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:847868 CAPLUS Full-text
 DN 145:271797

TI Preparation of pyrazolopyrimidines as agrochemical fungicides
 IN Herrmann, Stefan; Gebauer, Olaf; Gayer, Herbert; Hillebrand, Stefan;
 Heinemann, Ulrich; Guth, Oliver; Ilg, Kerstin; Seitz, Thomas; Ebbert,
 Ronald; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz;
 Antonicek, Horst-Peter

PA Bayer Cropscience AG, Germany

SO PCT Int. Appl., 135pp.

CODEN: PIXXD2

DT Patent

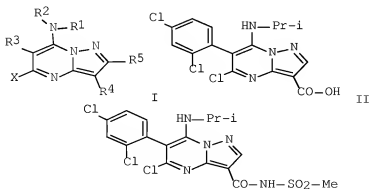
LA German

FAN.CNT 1

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PI	WO 2006087120	A2	20060824	WO 2006-EP1064	20060207
	WO 2006087120	A3	20061214		
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	DE 102005007534	A1	20060831	DE 2005-102005007534	20050217
	AU 2006215858	A1	20060824	AU 2006-215858	20060207
	CA 2597833	A1	20060824	CA 2006-2597833	20060207
	EP 1853607	A2	20071114	EP 2006-706711	20060207
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	CN 101120000	A	20080206	CN 2006-80005213	20070817
	KR 2007103473	A	20071023	KR 2007-719730	20070829
PRAI	DE 2005-102005007534	A	20050217		
	WO 2006-EP1064	W	20060207		

OS MARPAT 145:271797

GI



III

AB Title compds.I [R1 = H, alkyl, alkenyl, etc.; R2 = H, alkyl; R3 = aryl, heterocyclyl, alkyl, etc.; R4 = CONR6R7; R5 = H, halo, haloalkyl, etc.; X =

halo, CN, OH, etc.; R6 = H, alkyl, alkenyl, etc.; R7 = COR8, CN, CO2R8, etc.; R8 = H, alkyl, alkenyl, etc.] were prepared For example, coupling of carboxylic acid II and methanesulfonamide afforded pyrazolopyrimidine III in 5% yield. In podosphaera leucotricha apple protection assays, 20-examples of compds. I at 100 ppm, exhibited >70% protection after 10-days.

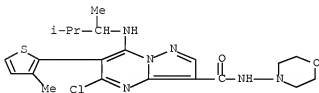
IT 907180-78-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolopyrimidines as agrochem. fungicides)

RN 907180-78-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxamide, 5-chloro-7-[(1,2-dimethylpropyl)amino]-6-(3-methyl-2-thienyl)-N-4-morpholinyl- (CA INDEX NAME)



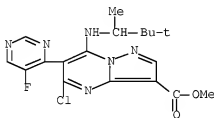
IT 863431-44-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazolopyrimidines as agrochem. fungicides)

RN 863431-44-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-[(1,2,2-trimethylpropyl)amino]-, methyl ester (CA INDEX NAME)



L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:904340 CAPLUS Full-text
 DN 143:248405

TI Preparation of pyrazolopyrimidines as agrochemical fungicides
 IN Gebauer, Olaf; Gayer, Herbert; Heinemann, Ulrich; Herrmann, Stefan;
 Hillebrand, Stefan; Elbe, Hans-ludwig; Ebbert, Ronald;
 Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz

PA Germany

SO U.S. Pat. Appl. Publ., 71 pp.

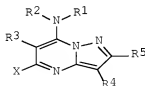
CODEN: USXXCO

DT Patent

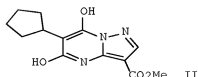
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005187224	A1	20050825	US 2005-63191	20050222
	DE 102004008807	A1	20050908	DE 2004-102004008807	20040220
	CA 2556798	A1	20050909	CA 2005-2556798	20050218
	WO 2005082907	A2	20050909	WO 2005-EP1694	20050218
	WO 2005082907	A3	20060629		
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	EP 1718652	A2	20061108	EP 2005-715397	20050218
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	CN 1946293	A	20070411	CN 2005-80012454	20050218
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	JP 2007524691	T	20070830	JP 2006-553545	20050218
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	KR 2007015386	A	20070202	KR 2006-719019	20060915
PRAI	DE 2004-102004008807	A	20040220		
	WO 2005-EP1694	W	20050218		
OS	MARPAT 143:248405				
GI					



I



II

AB The invention relates to pyrazolopyrimidines I [R1 = H, OH, optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, alkoxy, amino; R2 = H, alkyl; NR1R2 may form heterocyclic ring; R3 = halo, optionally substituted aryl, heterocyclyl, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aralkyl, amino, C1-8 alkoxy, C1-8 alkylthio, C6-10 aryloxy, C6-10 arylthio, heterocyclyloxy, etc.; R4 = CONR6R7, CONR7NR72, CONR7OR7, CO2R8, C(S)OR7, C(O)SR7, CS2R7, SR7, SOR7, SO2R7, SO3R7, SONR72, SO2NR72, PO3R72,

NR7OR7, B(OR7)2, aromatic, heterocyclyl; X = halo, CN, OH, optionally substituted alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl; R5 = H, halo, alkoxy, thioalkyl, sulfinylalkyl, sulfonylalkyl, optionally substituted alkyl, cycloalkyl; R7 = independently H, optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl, arylalkyl; R8 = H, cation, optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aralkyl and agrochem. active salts thereof, a process for preparing these compds., and to their use for controlling unwanted microorganisms. Thus, cyclocondensation of di-Me cyclopentylmalonate with Me 5-amino-1H-pyrazole-3-carboxylate gave dihydroxypyrazolopyrimidine II. Chlorination of II with POCl3 gave the dichloro derivative, which underwent substitution with (R)-3-methyl-2-butylamine, followed by hydrolysis to give title compound I [R1 = (R)-3-methyl-2-Bu, R2 = R5 = H, R3 = cyclopentyl, R4 = CO2H, X = Cl]. The prepared compds. were tested for fungicidal activity on apples, beans, rice, tomatoes, and wheat.

IT 863424-13-9P 863424-72-0P 863424-92-4P
 863425-41-6P 863425-42-7P 863426-50-0P
 863426-51-1P 863426-52-2P 863426-56-6P
 863427-29-6P 863427-30-9P 863427-31-0P
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 863428-82-4P 863428-83-5P 863428-84-6P
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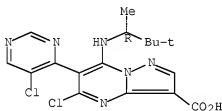
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolopyrimidines as agrochem. fungicides)

RN 863424-13-9 CAPLUS

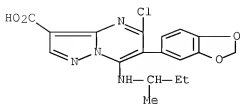
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-[(1R)-1,2,2-trimethylpropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



RN 863424-72-0 CAPLUS

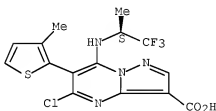
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 6-(1,3-benzodioxol-5-yl)-5-chloro-7-[(1-methylpropyl)amino]- (CA INDEX NAME)



RN 863424-92-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(3-methyl-2-thienyl)-7-[(1S)-2,2,2-trifluoro-1-methylethylamino]- (CA INDEX NAME)

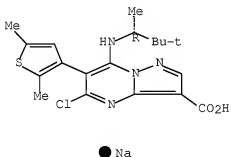
Absolute stereochemistry.



RN 863425-41-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(2,5-dimethyl-3-thienyl)-7-[(1R)-1,2,2-trimethylpropylamino]-, monosodium salt (9CI) (CA INDEX NAME)

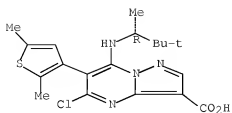
Absolute stereochemistry.



RN 863425-42-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(2,5-dimethyl-3-thienyl)-7-[(1R)-1,2,2-trimethylpropylamino]- (CA INDEX NAME)

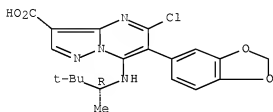
Absolute stereochemistry.



RN 863426-50-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 6-(1,3-benzodioxol-5-yl)-5-chloro-7-[(1R)-1,2,2-trimethylpropylamino]- (CA INDEX NAME)

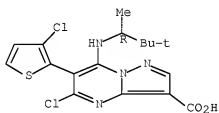
Absolute stereochemistry.



RN 863426-51-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(3-chloro-2-thienyl)-7-[(1R)-1,2,2-trimethylpropylamino]- (CA INDEX NAME)

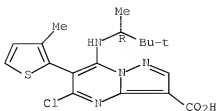
Absolute stereochemistry.



RN 863426-52-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(3-methyl-2-thienyl)-7-[(1R)-1,2,2-trimethylpropylamino]- (CA INDEX NAME)

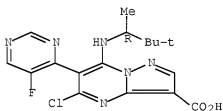
Absolute stereochemistry.



RN 863426-56-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-[(1R)-1,2,2-trimethylpropyl]amino]- (CA INDEX NAME)

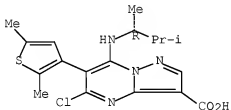
Absolute stereochemistry.



RN 863427-29-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(1R)-1,2-dimethylpropyl]amino]-6-(2,5-dimethyl-3-thienyl)-, monosodium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.

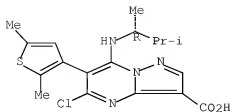


● Na

RN 863427-30-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(1R)-1,2-dimethylpropyl]amino]-6-(2,5-dimethyl-3-thienyl)-, monopotassium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.

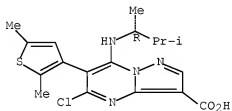


● K

RN 863427-31-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[1,2-dimethylpropyl]amino]-6-(2,5-dimethyl-3-thienyl)- (CA INDEX NAME)

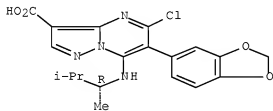
Absolute stereochemistry.



RN 863428-75-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 6-(1,3-benzodioxol-5-yl)-5-chloro-7-[[1,2-dimethylpropyl]amino]- (CA INDEX NAME)

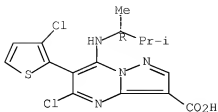
Absolute stereochemistry.



RN 863428-76-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(3-chloro-2-thienyl)-7-[[1,2-dimethylpropyl]amino]-, monosodium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.

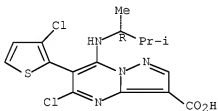


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RN 863428-77-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(3-chloro-2-thienyl)-7-[[(1R)-1,2-dimethylpropyl]amino]- (CA INDEX NAME)

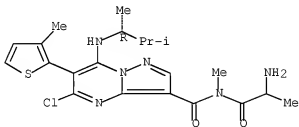
Absolute stereochemistry.



RN 863428-79-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxamide, N-(2-amino-1-oxopropyl)-5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino]-N-methyl-6-(3-methyl-2-thienyl)- (CA INDEX NAME)

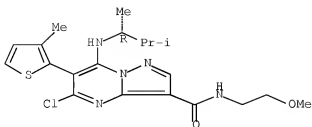
Absolute stereochemistry.



RN 863428-80-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxamide, 5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino]-N-(2-methoxyethyl)-6-(3-methyl-2-thienyl)- (CA INDEX NAME)

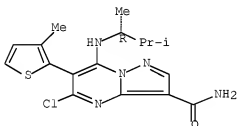
Absolute stereochemistry.



RN 863428-81-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxamide, 5-chloro-7-[[1(R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)

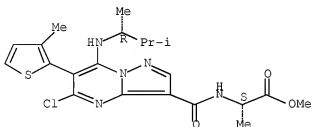
Absolute stereochemistry.



RN 863428-82-4 CAPLUS

CN L-Alanine, N-[[5-chloro-7-[[1(R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)pyrazolo[1,5-a]pyrimidin-3-yl]carbonyl]-, methyl ester (CA INDEX NAME)

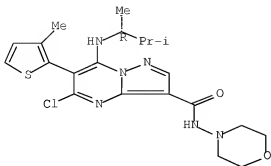
Absolute stereochemistry.



RN 863428-83-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxamide, 5-chloro-7-[[1(R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)-N-4-morpholinyl- (CA INDEX NAME)

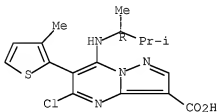
Absolute stereochemistry.



RN 863428-84-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[1(1R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)-, monopotassium salt (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

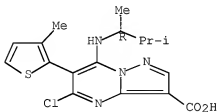


● K

RN 863428-85-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[1(1R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)-, monosodium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.

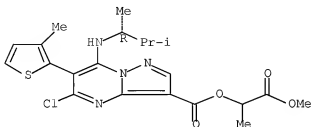


● Na

RN 863428-87-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)-, 2-methoxy-1-methyl-2-oxoethyl ester (CA INDEX NAME)

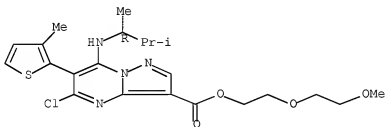
Absolute stereochemistry.



RN 863428-88-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)-, 2-(2-methoxyethoxy)ethyl ester (CA INDEX NAME)

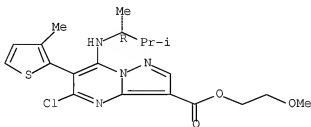
Absolute stereochemistry.



RN 863428-89-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino]-6-(3-methyl-2-thienyl)-, 2-methoxyethyl ester (CA INDEX NAME)

Absolute stereochemistry.

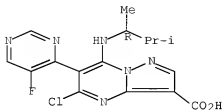


RN 863428-92-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[[(1R)-1,2-

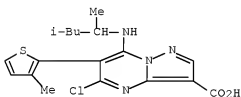
dimethylpropyl]amino]-6-(5-fluoro-4-pyrimidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



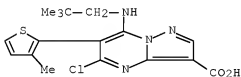
RN 863429-03-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(1,3-dimethylbutyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



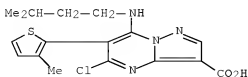
RN 863429-55-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(2,2-dimethylpropyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



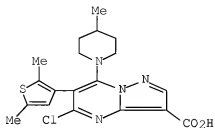
RN 863429-61-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(3-methylbutyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



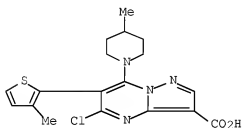
RN 863429-78-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(2,5-dimethyl-3-thienyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)



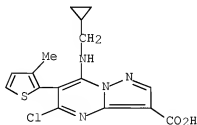
RN 863430-11-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



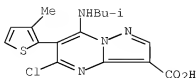
RN 863430-41-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(cyclopropylmethyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



RN 863430-85-7 CAPLUS

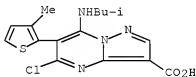
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(2-methylpropyl)amino]-6-(3-methyl-2-thienyl)-, monosodium salt (9CI) (CA INDEX NAME)



● Na

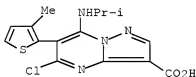
RN 863430-86-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(2-methylpropyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



RN 863431-29-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-7-[(1-methylethyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)

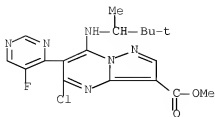


IT 863431-44-1P 863431-92-9P 863431-93-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrazolopyrimidines as agrochem. fungicides)

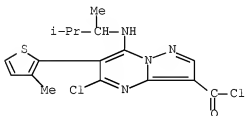
RN 863431-44-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-[(1,2,2-trimethylpropyl)amino]-, methyl ester (CA INDEX NAME)



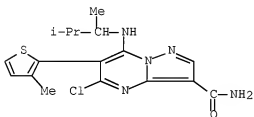
RN 863431-92-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonyl chloride, 5-chloro-7-[(1,2-dimethylpropyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



RN 863431-93-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxamide, 5-chloro-7-[(1,2-dimethylpropyl)amino]-6-(3-methyl-2-thienyl)- (CA INDEX NAME)



L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:14401 CAPLUS Full-text

DN 142:114091

TI Preparation of pyrazolopyrimidines as microbicides

IN Gebauer, Olaf; Heinemann, Ulrich; Herrmann, Stefan; Guth, Oliver; Elbe, Hans-Ludwig; Gayer, Herbert; Greul, Joerg Nico; Hillebrand, Stefan; Ebbert, Ronald; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz

PA Bayer Cropscience Aktiengesellschaft, Germany

SO PCT Int. Appl., 94 pp.

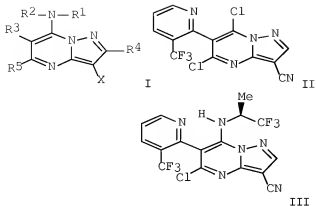
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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	IN 2005DN05619	A	20071102	IN 2005-DN5619	20051205
	US 2007037828	A1	20070215	US 2005-560966	20051216
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	DE 2003-10357570	A	20031210		
	WO 2004-EP6609	W	20040618		
OS	MARPAT 142:114091				
GI					



AB Title compds. I [R1 = (un)substituted alkyl, alkenyl, alkynyl, etc.; R2 = H, alkyl; R1 and R2 together form a heterocyclic ring; R3 = (un)substituted heterocycle; R4 = H, alkyl; R5 = halo; X = halo, CN, NO2, etc.] were prepared For example, condensation of (S)-2,2,2- trifluoroisopropylamine and dichloropyrazolopyrimidine II, e.g., prepared from 2-chloro-3-(trifluoromethyl)pyridine in 3-steps, afforded pyrazolopyrimidine III in 58% yield. In venturia inaequalis, i.e., apple scab, inhibition assays, 5-examples of compds. I exhibited over 90% protection at an application rate of 100 g/ha (sic).

IT 821022-94-0P 821022-95-1P 821022-96-2P
 821022-97-3P 821022-98-4P 821022-99-5P
 821023-00-1P 821023-01-2P 821023-02-3P
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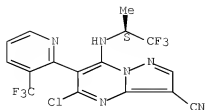
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolopyrimidines as microbicides)

RN 821022-94-0 CAPLUS

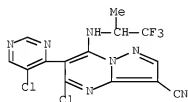
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(1S)-2,2,2-trifluoro-1-methylethylamino]-6-[3-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)

Absolute stereochemistry.



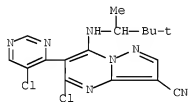
RN 821022-95-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(5-chloro-4-(trifluoromethyl)pyrimidin-2-yl)-7-[(2,2,2-trifluoro-1-methylethyl)amino]- (CA INDEX NAME)



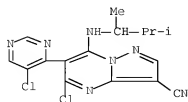
RN 821022-96-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-[(1,2,2-trimethylpropyl)amino]- (CA INDEX NAME)



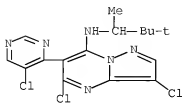
RN 821022-97-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-[(1,2-dimethylpropyl)amino]- (CA INDEX NAME)



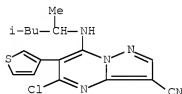
RN 821022-98-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3,5-dichloro-6-(5-chloro-4-pyrimidinyl)-
N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)



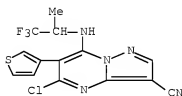
RN 821022-99-5 CAPLUS

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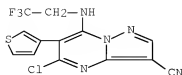
RN 821023-00-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(3-thienyl)-7-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)



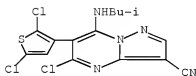
RN 821023-01-2 CAPLUS

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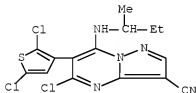
RN 821023-02-3 CAPLUS

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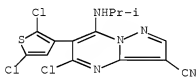
RN 821023-03-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(1-methylpropyl)amino]- (CA INDEX NAME)



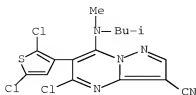
RN 821023-04-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(1-methylethyl)amino]- (CA INDEX NAME)



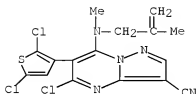
RN 821023-05-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[methyl(2-methylpropyl)amino]- (CA INDEX NAME)



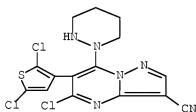
RN 821023-06-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[methyl(2-methyl-2-propenyl)amino]- (9CI) (CA INDEX NAME)



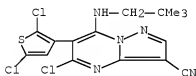
RN 821023-07-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-(tetrahydro-1(2H)-pyridazinyl)- (CA INDEX NAME)



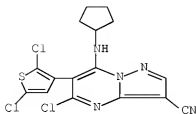
RN 821023-08-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(2,2-dimethylpropyl)amino]- (CA INDEX NAME)



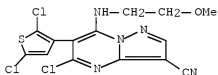
RN 821023-09-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(cyclopentylamino)-6-(2,5-dichloro-3-thienyl)- (CA INDEX NAME)



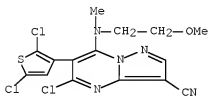
RN 821023-10-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(2-methoxyethyl)amino]- (CA INDEX NAME)



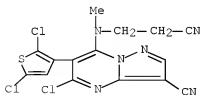
RN 821023-11-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(2-methoxyethyl)methylamino]- (CA INDEX NAME)



RN 821023-12-5 CAPLUS

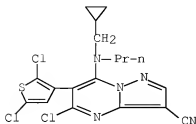
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(2-cyanoethyl)methylamino]-6-(2,5-dichloro-3-thienyl)- (CA INDEX NAME)



RN 821023-13-6 CAPLUS

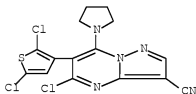
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-

[(cyclopropylmethyl)propylamino]-6-(2,5-dichloro-3-thienyl)- (CA INDEX NAME)



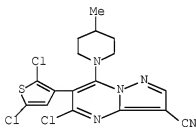
RN 821023-14-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-(1-pyrrolidinyl)- (CA INDEX NAME)



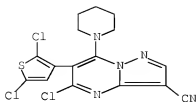
RN 821023-15-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)



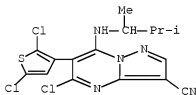
RN 821023-16-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-(1-piperidinyl)- (CA INDEX NAME)



RN 821023-17-0 CAPLUS

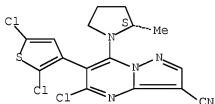
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(1,2-dimethylpropyl)amino]- (CA INDEX NAME)



RN 821023-18-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(2S)-2-methyl-1-pyrrolidinyl]- (CA INDEX NAME)

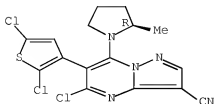
Absolute stereochemistry.



RN 821023-19-2 CAPLUS

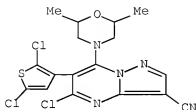
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(2R)-2-methyl-1-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.



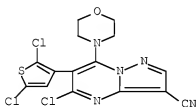
RN 821023-20-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-(2,6-dimethyl-4-morpholinyl)- (CA INDEX NAME)



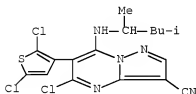
RN 821023-21-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-(4-morpholinyl)- (CA INDEX NAME)



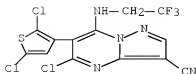
RN 821023-22-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(1,3-dimethylbutyl)amino]- (CA INDEX NAME)



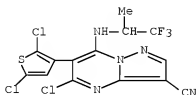
RN 821023-23-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(2,5-dichloro-3-thienyl)-7-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)



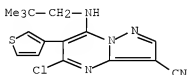
RN 821023-24-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-[(2,5-dichloro-3-thienyl)-7-[(2,2,2-trifluoro-1-methylethyl)amino]- (CA INDEX NAME)



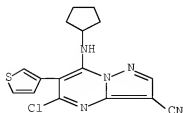
RN 821023-25-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(2,2-dimethylpropyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



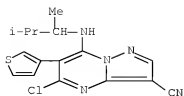
RN 821023-26-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(cyclopentylamino)-6-(3-thienyl)- (CA INDEX NAME)



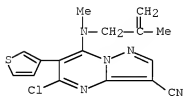
RN 821023-27-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(1,2-dimethylpropyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



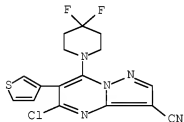
RN 821023-28-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[methyl(2-methyl-2-propenyl)amino]-6-(3-thienyl)- (9CI) (CA INDEX NAME)



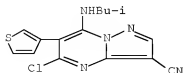
RN 821023-29-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(4,4-difluoro-1-piperidinyl)-6-(3-thienyl)- (CA INDEX NAME)



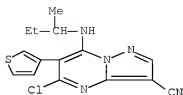
RN 821023-30-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(2-methylpropyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



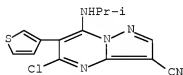
RN 821023-31-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(1-methylpropyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



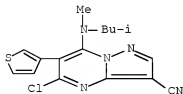
RN 821023-32-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(1-methylethyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



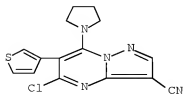
RN 821023-33-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[methyl(2-methylpropyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



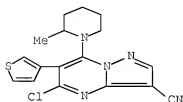
RN 821023-34-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(1-pyrrolidinyl)-6-(3-thienyl)- (CA INDEX NAME)



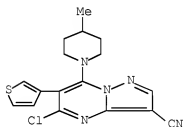
RN 821023-35-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(2-methyl-1-piperidinyl)-6-(3-thienyl)- (CA INDEX NAME)



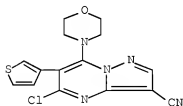
RN 821023-36-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(3-thienyl)- (CA INDEX NAME)



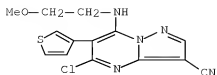
RN 821023-37-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(4-morpholinyl)-6-(3-thienyl)- (CA INDEX NAME)



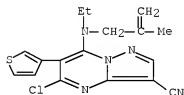
RN 821023-38-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(2-methoxyethyl)amino]-6-(3-thienyl)- (CA INDEX NAME)



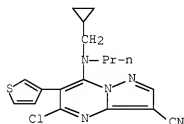
RN 821023-39-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[ethyl(2-methyl-2-propenyl)amino]-6-(3-thienyl)- (9CI) (CA INDEX NAME)



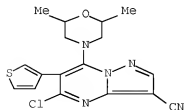
RN 821023-40-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(cyclopropylmethyl)propylamino]-6-(3-thienyl)- (CA INDEX NAME)



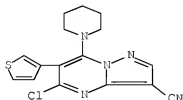
RN 821023-41-0 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(2,6-dimethyl-4-morpholinyl)-6-(3-thienyl)- (CA INDEX NAME)

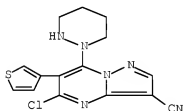


RN 821023-42-1 CAPLUS

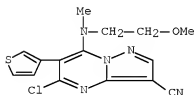
RN 821023-43-2 CAPLUS
 CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(1-piperidinyl)-6-(3-thienyl)- (CA INDEX NAME)



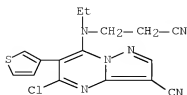
RN 821023-43-2 CAPLUS
 CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-(tetrahydro-1(2H)-pyridazinyl)-6-(3-thienyl)- (CA INDEX NAME)



RN 821023-44-3 CAPLUS
 CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(2-methoxyethyl)methylamino]-6-(3-thienyl)- (CA INDEX NAME)

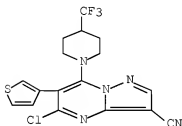


RN 821023-45-4 CAPLUS
 CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(2-cyanoethyl)ethylamino]-6-(3-thienyl)- (CA INDEX NAME)



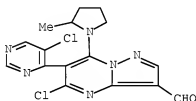
RN 821023-46-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(3-thienyl)-7-[4-(trifluoromethyl)-1-piperidinyl]- (CA INDEX NAME)



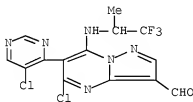
RN 821023-47-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxaldehyde, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)



RN 821023-48-7 CAPLUS

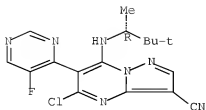
CN Pyrazolo[1,5-a]pyrimidine-3-carboxaldehyde, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-[(2,2,2-trifluoro-1-methylethyl)amino]- (CA INDEX NAME)



RN 821023-49-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-[(1R)-1,2,2-trimethylpropylamino]- (CA INDEX NAME)

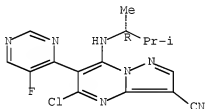
Absolute stereochemistry.



RN 821023-50-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-7-[(1R)-1,2-dimethylpropylamino]-6-(5-fluoro-4-pyrimidinyl)- (CA INDEX NAME)

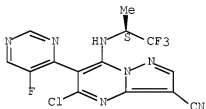
Absolute stereochemistry.



RN 821023-51-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-[(1S)-2,2,2-trifluoro-1-methylethylamino]- (CA INDEX NAME)

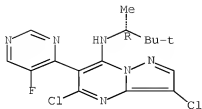
Absolute stereochemistry.



RN 821023-52-3 CAPLUS

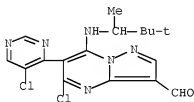
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3,5-dichloro-6-(5-fluoro-4-pyrimidinyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.



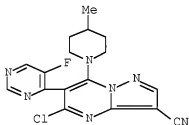
RN 821023-55-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxaldehyde, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-[(1,2,2-trimethylpropyl)amino]- (CA INDEX NAME)



RN 821023-56-7 CAPLUS

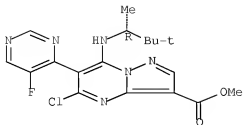
CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)



RN 821023-57-8 CAPLUS

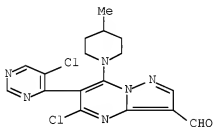
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-chloro-6-(5-fluoro-4-pyrimidinyl)-7-[(1R)-1,2,2-trimethylpropyl]amino]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



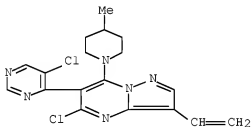
RN 821023-62-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carboxaldehyde, 5-chloro-6-(5-chloro-4-pyrimidinyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)



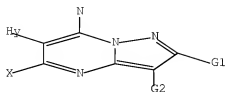
RN 821023-63-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine, 5-chloro-6-(5-chloro-4-pyrimidinyl)-3-ethenyl-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
=> d l2; d his; log y
L2 HAS NO ANSWERS
L1          STR
```



```
G1 H, Ak
G2 CN, NO2, X, Cb, Ak, S, N
```

```
Structure attributes must be viewed using STN Express query preparation.
L2          QUE  ABB=ON  PLU=ON  L1
```

(FILE 'HOME' ENTERED AT 14:15:14 ON 29 FEB 2008)

FILE 'REGISTRY' ENTERED AT 14:15:26 ON 29 FEB 2008

```
L1          STRUCTURE UPLOADED
L2          QUE L1
L3          4 S L2
L4          110 S L2 FUL
```

FILE 'CAPLUS' ENTERED AT 14:16:03 ON 29 FEB 2008

```
L5          4 S L4
```

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	22.28	200.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.20	-3.20

STN INTERNATIONAL LOGOFF AT 14:16:55 ON 29 FEB 2008